Claim Amendments:

1. (Newly amended) An electrical probe comprising:

a conductive sleeve defining a bore;

a probe pin received in the bore;

the probe pin having a metal free end contact tip extending in a first direction;

the probe pin being biased in the first direction; and

the probe pin including an electrical component serially intervening between the free end contact tip and an opposed end of the pin.

2. The probe of claim 1 wherein the electrical component includes a resistor having substantially greater resistance than the pin.

3. The probe of claim 2 wherein the electrical component includes a capacitor in parallel with the resistor.

4. The probe of claim 1 wherein the electrical component includes a capacitor.

5. The probe of claim 1 wherein the pin has a first conductive portion received within the sleeve, a second conductive portion including the tip, and wherein the electrical component is connected between the first and second portions.

6. The probe of claim 5 wherein the first and second portions are electrically isolated except for connection by the electrical component.

7. The probe of claim 5 wherein the first and second portions each have a flange, the flanges being spaced apart and connected to the electrical component.

8. The probe of claim 7 including a cylindrical sleeve encompassing the flanges and the electrical component.

9. The probe of claim 5 wherein the second portion has a length less than double its diameter.

PAGE 2/7 * RCVD AT 8/10/2004 2:29:33 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-1/2 * DNIS:8729306 * CSID:775 884 1187 * DURATION (mm-ss):02-48

10. The probe of claim 5 wherein the second portion has a length less than 0.50 inch.

11. (Newly amended) An electrical connector comprising:

a body;

a plurality of probes connected to the body;

each probe having a spring biased pin with a metal contact tip; and

each pin including an electrical component proximate to the tip and serially intervening between the tip and an opposed end of the pin.

12. The connector of claim 11 wherein the body is a circuit board having a periphery, and wherein each of the tips extends beyond the periphery.

13. The connector of claim 11 wherein each electrical component includes a resistor and a capacitor arranged in parallel.

14. The connector of claim 11 wherein each pin is received in a sleeve mounted electrically connected to a conductor on the body, and wherein each pin axially reciprocates within the sleeve.

15. The connector of claim 14 wherein each pin has a first conductive portion received within the sleeve, a second conductive portion including the tip, and wherein the electrical component is connected between the first and second portions.

16. The connector of claim 14 wherein the first and second portions are electrically isolated except for connection by the electrical component.

17. The connector of claim 14 wherein the first and second portions each have a flange, the flanges being spaced apart and connected to the electrical component.

18. (Currently amended) ~~The connector of claim~~ The connector of claim 14 wherein the second component has a length of less than double its diameter.

PAGE 3/7 * RCVD AT 8/10/2004 2:29:33 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-1/2 * DNIS:8729306 * CSID:775 884 1187 * DURATION (mm-ss):02-48

19. The connector of claim 14 wherein the probes are arranged at a first pitch distance, and wherein the second portion has a length less than the first pitch distance.

20. The connector of claim 14 including a cable electrically connected to the body, such that each of a plurality of conductors of the cable is independently connected to each probe.

21. (New) An electrical probe comprising:

a conductive sleeve defining a bore;

a probe pin received in the bore;

the probe pin having a free end contact tip extending in a first direction;

the probe pin being biased in the first direction; and

the probe pin including a capacitor.

22. (New) The probe of claim 21 wherein the probe pin includes a resistor having substantially greater resistance than the pin.

23. (New) The probe of claim 22 wherein the capacitor is connected in parallel with the resistor.

24. (New) The probe of claim 21 wherein the pin has a first conductive portion received within the sleeve, a second conductive portion including the tip, and wherein the electrical component is connected between the first and second portions.

25. (New) The probe of claim 24 wherein the first and second portions are electrically isolated except for connection by the electrical component.

26. (New) The probe of claim 24 wherein the first and second portions each have a flange, the flanges being spaced apart and connected to the electrical component.

27. (New) The probe of claim 26 including a cylindrical sleeve encompassing the flanges and the electrical component.

PAGE 4/7 * RCVD AT 8/10/2004 2:29:33 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-1/2 * DNIS:8729306 * CSID:775 884 1187 * DURATION (mm-ss):02-48

28. (New) The probe of claim 24 wherein the second portion has a length less than double its diameter.

29. (New) The probe of claim 24 wherein the second portion has a length less than 0.50 inch.

PAGE 5/7 * RCVD AT 8/10/2004 2:29:33 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-1/2 * DNIS:8729306 * CSID:775 884 1187 * DURATION (mm-ss):02-48